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# Nelson Mullins

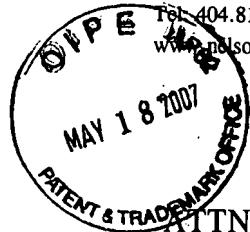
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May 14, 2007

ATTN: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RE: U.S. Patent of Michael L. Myrick, et al.  
Entitled: "Filter Design Algorithm For Multi-Variate Optical Computing"  
Patent No.: 7,138,156  
Patented: November 21, 2006  
Our Ref: 16139/09014

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PATENT  
DOCKET NO.: 16139/09014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of )  
Michael L. Myrick, et al. ) Examiner: Alain L. Bashore  
)  
Patent No.: 7,138,156 ) Art Unit: 1762  
)  
Patented: November 21, 2006 ) Account No.: 50-1196  
)  
Title: FILTER DESIGN ALGORITHM )  
FOR MULTI-VARIATE )  
OPTICAL COMPUTING )

**REQUEST FOR CERTIFICATE OF CORRECTION**

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Dear Sir:

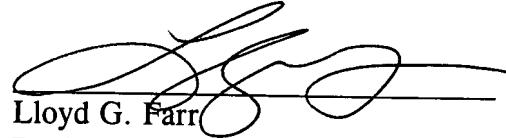
Pursuant to 37 C.F.R. § 1.322, Applicants request that a Certificate of Correction be issued in the above-referenced patent. Please correct, in the specification, column 4, line 66, after "equation" please delete "2" and replace with --15--. This correction was requested in the amendment mailed March 22, 2006. In column 7, line 27, (equation 22), after " $\Sigma$ " please insert --<sup>n</sup>-- and delete "<sup>n</sup>" after "<sub>i=1</sub>". In column 10, line 60, after "pressure" please delete "20". In column 14, line 31, please delete "s" and insert "<sup>5</sup>", as it is part of the numerical equation.

MAY 23 2007

These typographical errors occurred during copying of the patent from the application  
as originally filed and were not the fault of Applicants.

Respectfully submitted,

NELSON MULLINS RILEY  
& SCARBOROUGH, L.L.P.



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MAY 23 2007

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,138,156

Page 1 of 1

APPLICATION NO.: 09/964,194

ISSUE DATE : November 21, 2006

INVENTOR(S) : Michael L. Myrick, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification:

Column 4, line 66, after "equation" please delete "2" and replace with --15--.

Column 7, line 27, (equation 22), after " $\Sigma$ " please insert  $--^n--$  and delete " $n$ " after " $i=1$ ".

Column 10, line 60, after "pressure" please delete "20".

Column 14, line 31, please delete "s" and insert " $s^5$ ", as it is part of the numerical equation.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

Lloyd G. Farr, Esq.  
Nelson Mullins Riley & Scarborough, LLP  
1320 Main Street, Columbia, SC 29201

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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